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MPSRCH (TM)

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Release 3.1A John F. Collins, Biocomputing Research Unit.

MPsrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Tue Oct 26 08:02:34 1999; MasPar time 23.19 Seconds
940.454 Million cell updates/sec

Tabular output not generated.

Query: >US-08-978-217-6
Description: (1-252) from US08978217.seq
Perfect Score: 252
N.A. Sequence: 1 AATTGTGCCCTTGAGGAGCT.....CCGGCAGCTGTGGCGCAGGA 252
Comp: TTAACACGGGAACTCCTCGA.....GGCCGTCGACACCGCGTCCT

Scoring table: TABLE default
Gap 6

Nmatch STD : Dbase 0; Query 0

Searched: 165353 seqs, 43264542 bases x 2

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database: n-issued
1:5A_COMB 2:5B_COMB 3:5C_COMB 4:PCT9_COMB 5:backfiles1

Statistics: Mean 7.464; Variance 4.584; scale 1.628

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description	Pred. No.
	1	252	100.0	1920	3	US-08-746-	Sequence 1, Applicatio	4.97e-152
	2	34	13.5	215	1	US-08-238-	Sequence 5, Applicatio	1.77e-07
	3	33	13.1	965	3	US-08-388-	Sequence 22, Applicati	6.53e-07
c	4	30	11.9	965	3	US-08-388-	Sequence 22, Applicati	3.06e-05
c	5	29	11.5	215	1	US-08-238-	Sequence 5, Applicatio	1.08e-04
	6	26	10.3	74	4	PCT-US95-1	Sequence 94, Applicati	4.36e-03
	7	26	10.3	81	4	PCT-US95-1	Sequence 92, Applicati	4.36e-03
	8	24	9.5	75	4	PCT-US95-1	Sequence 99, Applicati	4.77e-02
	9	24	9.5	82	4	PCT-US95-1	Sequence 97, Applicati	4.77e-02
	10	24	9.5	2380	3	US-08-572-	Sequence 3, Applicatio	4.77e-02
	11	23	9.1	66	1	US-08-471-	Sequence 144, Applicat	1.54e-01
	12	23	9.1	69	1	US-08-471-	Sequence 142, Applicat	1.54e-01
c	13	22	8.7	68	1	US-08-471-	Sequence 143, Applicat	4.85e-01
c	14	22	8.7	74	4	PCT-US95-1	Sequence 100, Applicat	4.85e-01
c	15	22	8.7	81	4	PCT-US95-1	Sequence 98, Applicati	4.85e-01
c	16	22	8.7	7559	3	US-08-250-	Sequence 2, Applicatio	4.85e-01
c	17	21	8.3	65	1	US-08-471-	Sequence 145, Applicat	1.50e+00
c	18	21	8.3	66	1	US-08-471-	Sequence 144, Applicat	1.50e+00
c	19	21	8.3	69	1	US-08-471-	Sequence 142, Applicat	1.50e+00
c	20	21	8.3	74	4	PCT-US95-1	Sequence 94, Applicati	1.50e+00
c	21	21	8.3	81	4	PCT-US95-1	Sequence 92, Applicati	1.50e+00
c	22	21	8.3	82	4	PCT-US95-1	Sequence 97, Applicati	1.50e+00
	23	21	8.3	1244	2	US-08-417-	Sequence 7, Applicatio	1.50e+00
	24	21	8.3	1244	1	US-07-816-	Sequence 7, Applicatio	1.50e+00
c	25	21	8.3	2159	3	PCT-US95-1	Sequence 2, Applicatio	1.50e+00
	26	21	8.3	2304	2	US-08-464-	Sequence 1, Applicatio	1.50e+00
	27	21	8.3	2304	1	US-08-464-	Sequence 1, Applicatio	1.50e+00
	28	21	8.3	6306	3	US-08-467-	Sequence 3, Applicatio	1.50e+00
	29	21	8.3	6306	2	US-08-466-	Sequence 3, Applicatio	1.50e+00
	30	21	8.3	6306	4	PCT-US93-0	Sequence 3, Applicatio	1.50e+00
	31	21	8.3	6306	2	US-08-470-	Sequence 3, Applicatio	1.50e+00
	32	21	8.3	6306	3	US-08-195-	Sequence 3, Applicatio	1.50e+00
	33	20	7.9	56	4	PCT-US95-1	Sequence 87, Applicati	4.54e+00
	34	20	7.9	74	4	PCT-US95-1	Sequence 100, Applicat	4.54e+00
c	35	20	7.9	75	4	PCT-US95-1	Sequence 99, Applicati	4.54e+00
	36	20	7.9	81	4	PCT-US95-1	Sequence 98, Applicati	4.54e+00
c	37	20	7.9	423	1	US-08-470-	Sequence 174, Applicat	4.54e+00
c	38	20	7.9	669	3	US-08-896-	Sequence 3, Applicatio	4.54e+00
c	39	20	7.9	1140	3	US-08-896-	Sequence 1, Applicatio	4.54e+00
c	40	20	7.9	1305	3	US-08-896-	Sequence 37, Applicati	4.54e+00
c	41	19	7.5	66	4	PCT-US95-1	Sequence 93, Applicati	1.34e+01
c	42	19	7.5	260	3	US-08-594-	Sequence 45, Applicati	1.34e+01
	43	19	7.5	1351	2	US-08-417-	Sequence 5, Applicatio	1.34e+01
	44	19	7.5	7218	2	US-08-232-	Sequence 14, Applicati	1.34e+01
c	45	19	7.5	9515	3	US-08-362-	Sequence 13, Applicati	1.34e+01

ALIGNMENTS

```
RESULT    1
ID   US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
AC   xxxxxx
DT
DE   Sequence 1, Application US/08746789A
CC   Sequence 1, Application US/08746789A
CC   Patent No. 5789200
CC    GENERAL INFORMATION:
CC      APPLICANT:  Ismail Kola, Martin J. Tymms, Christine DeBouck
CC      TITLE OF INVENTION:  A No. 5789200el Human ETS Family Member, ELF3
CC      NUMBER OF SEQUENCES:  4
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  SmithKline Beecham Corporation
CC        STREET:  709 Swedeland Road, P.O. Box 1539
CC        CITY:  King of Prussia
CC        STATE:  PA
CC        COUNTRY:  USA
CC        ZIP:  19406-0939
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
CC        COMPUTER:  IBM 486
CC        OPERATING SYSTEM:  WINDOWS FOR WORKGROUPS
CC        SOFTWARE:  MICROSOFT WORD
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/746,789A
CC        FILING DATE:  No. 5789200ember 15, 1996
CC        CLASSIFICATION:  514
CC      PRIOR APPLICATION DATA:
CC        APPLICATION NUMBER:
CC        FILING DATE:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  William T. Han
CC        REGISTRATION NUMBER:  34,344
CC        REFERENCE/DOCKET NUMBER:  ATG 50024
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  610 270 5219
CC        TELEFAX:  610 270 4026
CC    INFORMATION FOR SEQ ID NO:  1:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  1920
CC        TYPE:  Nucleic Acid
CC        STRANDEDNESS:  Single
CC        TOPOLOGY:  Linear
CC      ANTI-SENSE:  No
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SQ   SEQUENCE 1920 BP; 422 A; 561 C; 550 G; 387 T; 0 OTHER.

  Query Match          100.0%;  Score 252;  DB 3;  Length 1920;
  Best Local Similarity 100.0%;  Pred. No. 4.97e-152;
  Matches   252;  Conservative    0;  Mismatches   0;  Indels   0;  Gaps   0;

Db     424 AATTGTGCCCTTGAGGAGCTGCGTCTGGTCTTTGGGCCTCTGGGGGACCAACTCCATGCC 483
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy       1 AATTGTGCCCTTGAGGAGCTGCGTCTGGTCTTTGGGCCTCTGGGGGACCAACTCCATGCC 60

Db     484 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGGATCATTGAGCTGCTG 543
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy      61 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGGATCATTGAGCTGCTG 120

Db     544 GAGAAGGATGGCATGGCCTTCCAGGAGGCCCTAGACCCAGGGCCCTTTGACCAGGGCAGC 603
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy     121 GAGAAGGATGGCATGGCCTTCCAGGAGGCCCTAGACCCAGGGCCCTTTGACCAGGGCAGC 180

Db     604 CCCTTTGCCCAGGAGCTGCTGGACGACGGTCAGCAAGCCAGCCCCTACCACCCCGGCAGC 663
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Qy     181 CCCTTTGCCCAGGAGCTGCTGGACGACGGTCAGCAAGCCAGCCCCTACCACCCCGGCAGC 240

Db     664 TGTGGCGCAGGA 675
           ||||||||||||
Qy     241 TGTGGCGCAGGA 252


RESULT    2
ID   US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
AC   xxxxxx
DT
DE   Sequence 5, Application US/08238163
CC   Sequence 5, Application US/08238163
CC   Patent No. 5569830
CC    GENERAL INFORMATION:
CC      APPLICANT:  BENNETT, Alan
CC      APPLICANT:  LABAVITCH, John M.
CC      APPLICANT:  POWELL, Ann
CC      APPLICANT:  STOTZ, Henrik
CC      TITLE OF INVENTION:  PLANT INHIBITORS OF FUNGAL
CC      TITLE OF INVENTION:  POLYGALACTURONASES AND THEIR USE TO CONTROL FUNGAL DISEASE
CC      NUMBER OF SEQUENCES:  24
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Townsend and Townsend Khourie and Crew
CC        STREET:  Steuart Street Tower, One Market Plaza
CC        CITY:  San Francisco
CC        STATE:  California
CC        COUNTRY:  US
CC        ZIP:  94105-1493
C[redacted]
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.25
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/238,163
CC        FILING DATE:  03-MAY-1994
CC        CLASSIFICATION:  800
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Bastian, Kevin L.
CC        REGISTRATION NUMBER:  34,774
CC        REFERENCE/DOCKET NUMBER:  2307E-540
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  (415) 543-9600
CC        TELEFAX:  (415) 543-5043
CC    INFORMATION FOR SEQ ID NO:  5:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  215 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  single
CC        TOPOLOGY:  unknown
CC      MOLECULE TYPE:  protein
CC      FEATURE:
CC        NAME/KEY:  misc_feature
CC        LOCATION:  1..215
CC        OTHER INFORMATION:  /standard_name= "Deduced amino acid
CC        OTHER INFORMATION:  sequence of PGIP from bean."
SQ   SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

  Query Match          13.5%;  Score 34;  DB 1;  Length 215;
  Best Local Similarity 13.8%;  Pred. No. 1.77e-07;
  Matches   26;  Conservative   71;  Mismatches  91;  Indels   0;  Gaps   0;

Db      17 SCNDKAKKDGNTTSSWTTDCCNRTWGVCDTDTTYRVNNDSGHNKYSSANYNYGGNNVGAA 76
           :| ::|:::| | ::: |:    |:|:   : | ::  :: :  :::|   :     |
Qy       9 CCTTGAGGAGCTGCGTCTGGTCTTTGGGCCTCTGGGGGACCAACTCCATGCCCAGCTGCG 68

Db      77 KTHYYTHTNVSGADSKTVTDSYNASGTSSSNGGTDGNRSGADSYGSSKTAMTSRNRTGKT 136
             :::|:      :: |:|::: | | ::   ||:| :  |:   :::    :: : |:
Qy      69 AGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGGATCATTGAGCTGCTGGAGAAGGA 128

Db     137 ANNAVDSRNMGDASVGSDKNTKKHAKNSADGKVGSKNNGDRNNRYGTGTKSNVSNNCGGG 196
           ::::  : : ::|:::    :|: :   ::|:    ::    | |  : ::    |
Qy     129 TGGCATGGCCTTCCAGGAGGCCCTAGACCCAGGGCCCTTTGACCAGGGCAGCCCCTTTGC 188

Db     197 NKRDVSSY 204
             ::: ::
Qy     189 CCAGGAGC 196


RESULT    3
ID   US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
AC   xxxxxx
DT
DE   Sequence 22, Application US/08388672A
CC   Sequence 22, Application US/08388672A
CC   Patent No. 5795961
CC    GENERAL INFORMATION:
CC      APPLICANT:  Wallace, T. Paul
CC      APPLICANT:  Harris, William J.
CC      APPLICANT:  Carr, Frank J.
CC      APPLICANT:  Old, Lloyd J.
CC      APPLICANT:  Welt, Sydney
CC      APPLICANT:  Kitamura, Kunio
CC      TITLE OF INVENTION:  Recombinant Human Anti-Lewis B
CC      TITLE OF INVENTION:  Antibodies
CC      NUMBER OF SEQUENCES:  25
CC      CORRESPONDENCE ADDRESS:
CC        ADDRESSEE:  Felfe and Lynch
CC        STREET:  805 Third Avenue
CC        CITY:  New York
CC        STATE:  New York
CC        COUNTRY:  U.S.A.
CC        ZIP:  10022
CC      COMPUTER READABLE FORM:
CC        MEDIUM TYPE:  Floppy disk
CC        COMPUTER:  IBM PC compatible
CC        OPERATING SYSTEM:  PC-DOS/MS-DOS
CC        SOFTWARE:  PatentIn Release #1.0, Version #1.30
CC      CURRENT APPLICATION DATA:
CC        APPLICATION NUMBER:  US/08/388,672A
CC        FILING DATE:  14-FEB-1995
CC        CLASSIFICATION:
CC      ATTORNEY/AGENT INFORMATION:
CC        NAME:  Hanson, No. 5795961man D.
CC        REGISTRATION NUMBER:  30,946
CC        REFERENCE/DOCKET NUMBER:  LUD 5409
CC      TELECOMMUNICATION INFORMATION:
CC        TELEPHONE:  212-688-9200
CC        TELEFAX:  212-838-3884
CC    INFORMATION FOR SEQ ID NO:  22:
CC      SEQUENCE CHARACTERISTICS:
CC        LENGTH:  965 base pairs
CC        TYPE:  nucleic acid
CC        STRANDEDNESS:  unknown
CC        TOPOLOGY:  unknown
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